



Atty. Docket No.: 25436/2152

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Hogrefe, et al.
Serial No.: 10/035,091
Filed: December 21, 2001
Entitled: HIGH FIDELITY DNA
POLYMERASE COMPOSITIONS
AND USES THEREFOR

Examiner: Hutston, R.G.
Group Art Unit: 1652
Conf. No.: 1719

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

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RESPONSE AND AMENDMENT AFTER FINAL REJECTION UNDER 37 C.F.R. 1.116

Sir:

This Response and Amendment After Final Rejection is being filed in response to the Final Office Action mailed from the U.S. Patent and Trademark Office on April 6, 2004, in the above-identified application.

Amendments to the Specification starts on page 3 of this paper.

Amendments to the Claims are shown in the "Listing of the Claims" which begins on page 9 of this paper.

Remarks begin on page 17 of this paper.

Conclusion begins on page 26 of this paper.

A **revised sequence listing** (both paper and computer readable copies) are submitted herewith to reflect the incorporation of JDF-3 DNA polymerase sequences into the specification.

Applicants respectfully request entry of the amendments, remarks and the sequence listing.